CEREC AC, inLab-System-PC  Sirona Restore Solution DVD

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Step by Step Restore Process

This procedure is to be used on CEREC AC (bluecam and omnicam) Lx and above.

1. Observe any prerequisites per the Sirona Restore Solution Manual. E.g. save data, etc.
2. For AC Omnicam systems, disconnect the USB Heater Cable.
3. Install the Sirona Restore Solution DVD in the CD/DVD drive.
4. Hold down the ON/OFF button for approximately 10 seconds.
5. Press the ON/OFF button and when prompted, press the “F11” key (AC Bluecam and Omnicam 2.2.4) or the “F8” key (Omnicam PC version 2.2.1, 2.2.2 & 2.2.3) to enter the boot menu.
6. Using the cursor keys select the “P3 CD/DVD Booting device”... then enter. NOTE: Some instances are shown as “P4 CD/DVD Booting device”.
7. The following image will be displayed for about 30 seconds. Do not disturb during the process.
8. A Sirona Restore Solution v1.0 screen as shown below will display “Loading... Please wait.” This will take about 2 minutes to load.

9. The Welcome screen will be displayed with the manual. Please read and understand the Manual and all prerequisites.
10. Below “Are you absolutely sure that:” place a check in both boxes for:
   a. “All data on drive C: can be irretrievably erased?”
   b. “All prerequisites according to the manual are satisfied?”

11. Once the two check boxes are added, you will be able to select “Restore Windows”. Select it at this time. You will now get a Cerec Imaging screen with a progress bar.

12. Once the progress bar completes, you will be asked to remove the Sirona Restore Solution media and press OK - The system will reboot. As shown below.
13. Once booted up you will now need to complete the process by installing any needed drivers, software, data, calibration, etc.

Sirona Restore Solution v1.0 MANUAL

Objective

Restoration the operating system to the state at the time of delivery of the CEREC AC acquisition unit or the inLab System PC in order to eliminate faults. E.g. after a system crash, malfunctions not resulting from physical hard disk problems or faulty software installations.

Application

This restore procedure can be used for CEREC AC acquisition units or inLab system PC’s. In the following description these will be referred as “unit”. This procedure is performed by booting from the Restore-Boot-Media which uses the factory image file located in a protected partition on the hard disk.

After reading this manual and accepting each prerequisite click the “Restore Windows” button.

Prerequisites for this procedure

- **Backup your data!** All user important data on the drive C: must be backed up at least on drive D: or better and safer on an external media, e.g. CD, DVD, USB mass storage or network.
- A current installation media for CEREC or inLab software should be present.
- The hardware must be the same as at the time of delivery.
• The protected partition and image file must not been changed.
• The hard disk must be recognized by BIOS and must not have any physical malfunctions.
• No changes to partition layout on the hard disk must have been made.

When this procedure cannot be used?

• This procedure is not suited for the initial configuration of a new hard disk.

The unit must not indicate any of the following problems:

• Initialization or BIOS error messages.
• Monitor display not present.
• Trackball not recognized.
• Drive C: still contains important data.

You will lose:

• All data, programs, updates and settings which the user has stored, installed and performed are gone after following this procedure.
• The calibration values for the milling unit (compact), scanner and camera (bluecam) are lost. The CEREC AC acquisition center will have the out of box calibration.
• Hardware installed or modified after delivery won’t be recognized or may leak to error messages and malfunctions.

Final work

In order to be able to work with the unit as before, it is still necessary to perform the following actions:

• Check the installation of the CEREC or inLab software and install it if missing.
• Check and set the interface parameters in the user software (see Operator’s Manual).
• Calibrate the milling unit (compact) and if applicable the scanner in the user software. (see Operator’s Manual, Operating Instructions for the milling unit).
• CEREC AC acquisition unit: Calibrate the camera if it has been newly calibrated since delivery from Sirona (see Operator’s Manual, Operating Instructions).
• inEos: Always perform the complete calibration (see inEos Operating Instructions, Section “Calibration”).

Optional:

• Restoration of the backup data.
• Installation of updates, additional programs (e.g. Sidexis) etc.
• Entering the necessary personal settings (passwords, ...).
• Installation of auxiliary devices (e.g. Modem, network, ...).